

PROGRESS STATUS WORK COMPLETION SCHEDULE
for Consent Decree Paragraph 20 Compliance Provisions

July 30, 2015

C.D. Para. No.	Current Consent Decree Requirement	Compliance Action	Progress Status	Interim Milestone	Scheduled Completion
20	Storm sewer System Operation & Maintenance (O&M)				
20	Submit Provisional Storm Sewer System O&M Plan for interim approval by EPA & HDOH until it is revised to incorporate the O&M workflow changes to be brought about with the full organizational implementation of the Asset Management System (AMS).	Revised to respond to EPA & HDOH review comments & to explain how the AMS will alter current O&M workflows.		7/31/2015	* * *
20	Final Storm Sewer System O&M Plan	Upon implementation of the AMS, update the SSS O&M plan to reflect the service request, work order & inspection process & workflow changes	Next Step	* * *	6/30/2016
20.a	Storm Sewer System Mapping				
20.a	Storm Sewer System Mapping. DOT-Harbors shall create and submit a comprehensive storm sewer system map that identifies all HDOT-Harbors assets including inlets, manholes, pipes, above ground drainage features, post-construction control measures, and outfalls. HDOT-Harbors shall include areas where Harbor Property discharges directly to the Harbors or their tributaries and are at risk for flooding. The map shall be developed in GIS format and shall include relevant information for each asset class. The map and associated GIS shall provide foundation data for the AMS described below.	While all surface inlets have been mapped in the GIS, many subsurface system features and outfalls have yet to be identified and GPS located. The Condition Survey will be conducted during the latter half of 2015 to fill these 'data gaps' in the GIS.	Underway	12/15/2015	* * *

PROGRESS STATUS WORK COMPLETION SCHEDULE
for Consent Decree Paragraph 20 Compliance Provisions

July 30, 2015

20.a	Stormwater GIS Acceptance	Officially accept GIS from USACE upon completion of additional GIS layers requested by HDOT Harbors.	Next Step	* * *	12/31/2015
20.b	Asset Management System (AMS) (See attached AMS Scope of Work)				
20.b.i	Staff study approval & award contract to AMS Vendor	Obtain approval & award contract	Completed	6/23/2015	* * *
20.b.ii	Develop AMS for Harbors stormwater assets and work processes.	Design, configure & test GIS-centric Cityworks cloud-based AMS	Underway	9/15/2015	* * *
20.b.iii	Implement the stormwater AMS for Honolulu Harbor and KBPH	Demonstrate AMS, train Harbors staff and Go Live in CY2016	Next steps	12/31/2015	* * *
20.b.iii	Full organizational implementation of Harbors stormwater program AMS	Continue staff training, migrate historic data, prepare AMS work process flows for Final SSS O&M plan to be updated.	Future steps	* * *	6/30/2015
20.c	Storm Sewer System Inspections.	Inspect all storm drain inlets for defects, debris accumulation and other flow constraints in tributary areas.	Completed	* * *	7/31/2015
20.d	Storm Sewer System Cleaning				
20.d(A)	Initial cleaning of all inlets, pipes (as necessary), drainage features and outfalls .	Remove accumulated debris, trash, and sediment.	Completed	* * *	7/31/2015
20.d(B)	Recurring cleaning cycle	Develop 5-year recurring cleaning cycle for each inlet & drainage feature	Next step	* * *	9/30/2015

PROGRESS STATUS WORK COMPLETION SCHEDULE
for Consent Decree Paragraph 20 Compliance Provisions

July 30, 2015

<u>20.d.i</u>	Identify "hot spots" for potential discharges of pollutants to the storm sewer system.	Review inspection & cleaning data collected by the tasks above and schedule them for more frequent cleaning. (NOTE: The "hot spots" cleaning schedule will be maintained in the AMS after it is fully implemented.)	Next step	* * *	<u>12/31/2015</u>
20.d.ii	Cleaning of KBPH rail tracks by tenant	Tenant to develop & implement routing cleaning schedule for KBPH rail tracks.	Completed	* * *	9/14/2014